FlowLite

Specification Sheet

FlowLine SCOB 4.6 LED Tape Light

FlowLine SCOB 4.6 is a SCOB (chip on board) LED tape light for low-profile installations. Up to 542 lumens per foot at 4.6 W/ft, 90 CRI, five color temperatures, IP20 or IP67, 20 ft runs, field cuttable every 1.23".

FEATURES & APPLICATIONS

- SCOB chip, 4.6 W/ft
- Up to 542 lm/ft
- 90 CRI (Color Rendering Index)
- 2700K to 5000K
- IP20 dry or IP67 wet rated
- Field cuttable at every 1.23 inch
- Cove, ceiling and architectural lighting
- UL / ETL listed, 5-year warranty

Performance

Color Temp	2700K	3000K	3500K	4000K	5000K
Watts/FT	4.6	4.6	4.6	4.6	4.6
Lumens/FT	506	515	524	533	542
Efficacy (Lm/W)	110	112	115	103	106
CRI	90	90	90	90	90

TECHNICAL INFORMATION

- **Power Consumption Per Foot:** 4.6 Watts
- **Input Voltage:** 24V
- **Light Source:** SCOB
- **CRI (Color Rendering Index):** 90
- **Output:** 506–542 lm/ft (IP20) · 501–528 lm/ft (IP67)
- **Efficacy:** 103–115 lm/W
- **Height x Width:** 0.1 x 0.2 inches
- **Field Cuttable:** Every 1.23 inch
- **Max Run Length:** 20 ft. per home run
- **Dimming:** Triac
- **Mounting:** 3M adhesive
- **Spool Lengths:** 20 ft.
- **Environment:** IP20 / IP67
- **Ambient Temperature:** -20°C to 40°C
- **Feed Wire:** Max 20 ft. driver to tape (18 AWG)
- **Certification:** UL / ETL
- **Warranty:** 5 Year

ORDERING GUIDE

MODEL	CCT	IP RATING	LENGTH
FL-TSCOB46-24-			
	927 2700K	**20** IP20, dry	**20FT** (BLANK)
	930 3000K	**67** IP67, wet (not 950)	
	935 3500K		
	940 4000K		
	950 5000K		

COMPATIBLE DRIVERS



FL-DU5
UNIVERSAL 5-IN-1 DIMMABLE DRIVER



FL-DPJ
PHASE-DIMMABLE J-BOX DRIVER



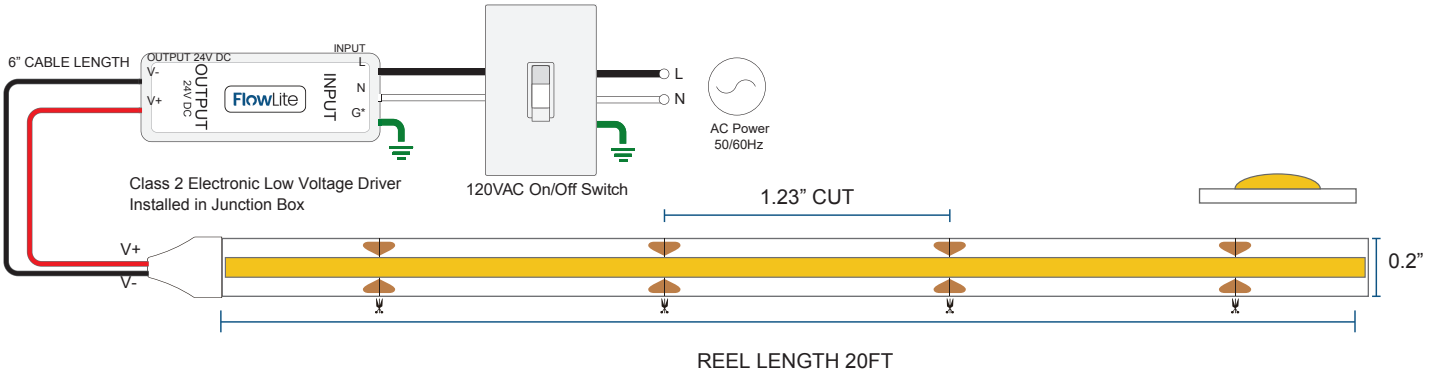
FL-DMC
MICRO DRIVER + DIMMER



FL-DSM
SMART WI-FI/BT MICRO DRIVER

DIMMABLE · IP20 · 24V · 90 CRI · **5** Yrs Warranty

DIAGRAM & DIMENSIONS



VOLTAGE DROP GUIDANCE CHART

24V Voltage Drop & Wire Length Distance Chart (3% Drop or 23.28V)

WIRE GAUGE	10 W .42 A	20 W .83 A	30 W 1.3 A	40 W 1.7 A	50 W 2.1 A	60 W 2.5 A	70 W 2.9 A	80 W 3.3 A	90 W 3.75 A	100 W 4.2 A
20 AWG	85 ft.	43 ft.	27 ft.	21 ft.	17 ft.	14 ft.	12 ft.	11 ft.	9 ft.	8 ft.
18 AWG	134 ft.	68 ft.	45 ft.	33 ft.	27 ft.	22 ft.	19 ft.	17 ft.	15 ft.	14 ft.
16 AWG	215 ft.	109 ft.	72 ft.	54 ft.	43 ft.	36 ft.	31 ft.	27 ft.	24 ft.	22 ft.
14 AWG	345 ft.	174 ft.	115 ft.	86 ft.	69 ft.	57 ft.	49 ft.	43 ft.	39 ft.	36 ft.
12 AWG	539 ft.	272 ft.	181 ft.	135 ft.	108 ft.	90 ft.	77 ft.	68 ft.	61 ft.	56 ft.
10 AWG	784 ft.	397 ft.	263 ft.	197 ft.	158 ft.	131 ft.	112 ft.	98 ft.	97 ft.	82 ft.

Note: These tables provide general guidelines for determining Wire Gauge based on total load and distance from LED driver to beginning of luminaire.

SAFETY, WARNINGS, AND DISCLOSURES

Install in accordance with national and local electrical code regulations.

This product to be powered with ELECTRONIC DRIVER ONLY

This product is intended to be installed and serviced by a qualified, licensed electrician.

Only use copper wiring. Use wires rated for at least 176°F 80°C and certified for use with external connection of electrical equipment.

Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.

Do not install product in an environment outside the listed ambient temperature. Exceeding the maximum ambient temperature may damage LED chips, reduce the total lamp life, lumen output, and/or adversely impact color consistency.

Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.

We reserve the right to modify and improve the design of our fixtures without prior notice. We cannot guarantee to match existing installed fixtures for subsequent orders or replacements in regards to product appearance, CCT, or lumen output.